

FLOW-THROUGH CONDUCTIVITY SENSOR

ABSTRACT OF THE DISCLOSURE

An improved flow-through conductivity
5 sensor is provided. The sensor includes a current
return path that has a current return conductor. At
least one toroid of the sensor is removed from the
flow path and configured to interact with the current
return conductor to provide an indication of
10 conductivity. Additional aspects of the invention
include disposing a pair of toroids about the current
return conductor; disposing a toroid about the
current return conductor and configuring the toroid
as a transformer.